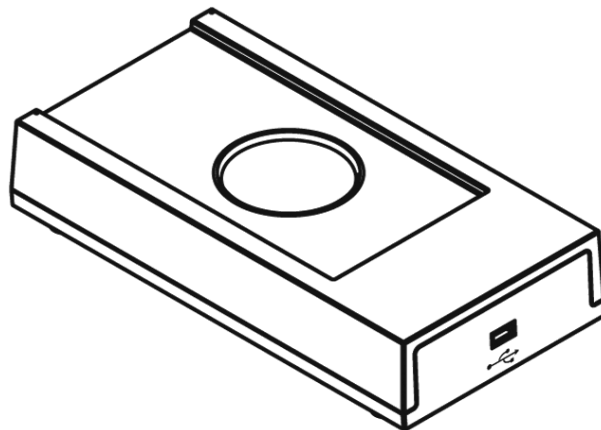


Operating instructions

Programming station
ES0780



Contents

1	Introduction.....	4
	About these instructions	4
	Explanation of the Symbols and Signal Words Used	4
	Target group	4
	OPERTIS Support	4
	Up-to-date status of the information	5
2	Product Description	5
	Overview	5
	Functional principle	5
	Detailed information	5
3	Intended Use	6
	Area of use	6
	Condition of the product	6
	Ambient conditions	6
	Residual risk	6
4	Safety Instructions	7
5	Use and Operation.....	7
	Installation	7
	Connection to the PC.....	7
	Programming the identifiers.....	8
6	Servicing, Cleaning and Maintenance	9
	Servicing	9
	Cleaning and maintenance	9
7	Problems and Solutions.....	9
8	Product Specifications.....	10
	Declaration of conformity	10
	Dimensions.....	10
	Technical data.....	11
9	Disposal.....	11
	Product.....	11
	Product packaging	11



1 Introduction

About these instructions

These instructions contain important notes and information on operation of the ES0780 programming station.

- Read through the instructions carefully and attentively.
- Keep the instructions in a safe place and pass them on to each subsequent user of the programming station.

Explanation of the Symbols and Signal Words Used

 WARNING	Indicates risks which could result in fatal or severe personal injuries.
 CAUTION	Indicates risks which could result in fatal or severe personal injuries.
CAUTION	Indicates risks which could result in damage to property.
Note	Denotes information, notes and tips on optimum use of the instructions and the product.

Target group

These instructions are directed at competent personnel entrusted with the servicing, maintenance and disposal of trouble-free operation of the programming station and who has successfully completed suitable vocational training for these activities or has had the necessary appropriate experience.

OPERTIS Support

If you have any questions extending beyond the information provided in these instructions, please contact

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Up-to-date status of the information

All details on the product, images, dimensions and models correspond to the status at the time the product is delivered. We reserve the right to make changes due to technical progress and the resulting continuous improvement process to which our products are subjected.

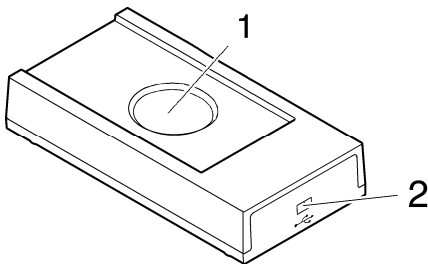
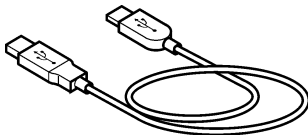
The current version of these instructions and further information is also available on our internet site www.opertis.de.

Dated 07/2013

2 Product Description

Overview

The following programming station is described in these instructions:

Art. No. / Name	Drawing
ES0780 Programming station	
USB cable (included in the scope of supply)	
1	Contact area for identifier
2	USB connection

Functional principle

The programming station is used for programming identifiers in an eLOCK lock system. It is connected to a PC on which the eLOCK Center software is located. The data transfer takes place via the standard USB cable supplied.

The programming station is used for transferring or reading out the authorisations for identifiers in an eLOCK lock system directly from the eLOCK Center software to the RFID transponder in the identifier.

Detailed information

Further information on the product is given in Section 8 "Product Specifications".

3 Intended Use

Area of use

The programming station is required for the programming of identifiers in all OPERTIS lock systems (except eLOCK AddDelete).

Condition of the product

The programming station may only be used if it is in a technically perfect condition.

Independent modifications and changes to the product are not allowed.

Ambient conditions

The programming station is intended for use at a suitable office workstation. Use outside buildings or in a particularly polluted environment, e.g. in aggressive gases, high humidity, in extreme temperatures or in a very dusty environment, is not allowed. If you have any questions, please contact OPERTIS Support.

Residual risk

If used properly and if the maintenance instructions are followed, this product will support your property security.

However, the following residual risks cannot be excluded:

- If the electronics fail, no new identifiers can be created or existing identifiers cannot be changed. Successors cannot be generated for lost identifiers; therefore they cannot be blocked at authorised fittings.
- If the PC fails, neither identifiers nor fittings can be created or changed. Successors cannot be generated for lost identifiers; therefore they cannot be blocked at authorised fittings.

4 Safety Instructions

The following safety instructions must be read and followed before use! OPERTIS does not accept any liability whatsoever for personal losses or injuries or damage to property caused by failure to note and follow these instructions!



WARNING

Risk of personal injuries

When connecting the programming station via the USB socket to the mains voltage there is a risk of an electric shock.
Connect one PC only via a USB cable at the USB socket.



CAUTION

Risk of locking in or out

The programming station is absolutely necessary for programming the identifiers. It should be stored in a secure place easily accessible to authorised persons so that is available when needed.

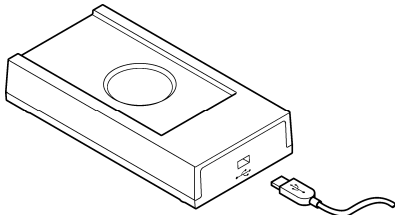
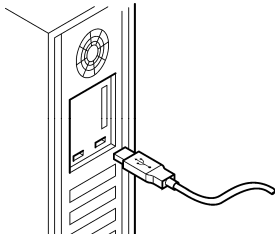
5 Use and Operation

Installation

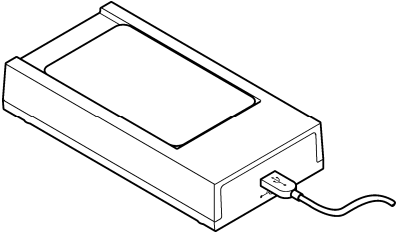
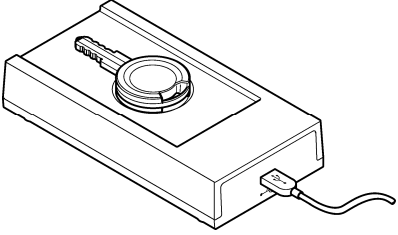
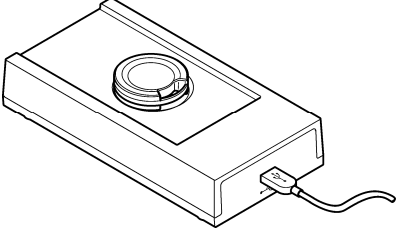
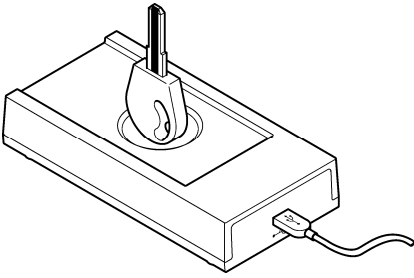
A PC with installed eLOCK Center software is absolutely necessary for installation of the programming station. Separate installation of drivers is not necessary (Plug&Play).

Connection to the PC

Proceed as follows:

Step	Activity	Figure
1	Connect the B connector (small connector) of the USB cable (total length max. 3 metres) to the front of the programming station.	
2	Connect the A connector (large, flat connector) to a free USB slot of the PC.	

Programming the identifiers

Step	Activity	Figure
3	Place the identifier in or on the trough provided on the programming station.	<p>Card</p>  <p>Key</p>  <p>Key fob</p>  <p>Note Place older versions of the ES5950 key without cover on the bow with the key bow in the middle of the trough and hold fast.</p> <p>ES5950 key</p> 
4	For programming procedure details, see eLOCK system documentation software.	

6 Servicing, Cleaning and Maintenance

The servicing, cleaning and maintenance may be carried out by qualified personnel only.

Warranty cover is excluded for damage caused by improper handling.

Servicing

The programming station does not require servicing.

Cleaning and maintenance

CAUTION

Damage to property due to incorrect cleaning

Incorrect cleaning can cause the surfaces to be attacked and damaged:

- Do not use any alkali or acidic cleaning agents or cleaning agents containing chlorine.
- Do not use cleaning agents with scouring additives.
- Do not use scouring instruments, e.g. brushes.

Proceed as follows:

Step	Activity	Figure
1	Wipe surfaces with a damp cloth.	

7 Problems and Solutions

Problem	Possible cause	Solution
Access to identifier faulty	User does not have authorisation to access identifier.	Have authorisation issued by eLOCK administrator.
	Identifier is not correctly placed on the programming station.	Place identifier on the programming station correctly.
	Several identifiers in the access area of the programming station.	Place one identifier only on the programming station.
	Identifier is from another system	Use identifier from own system.
	Identifier is defective.	Replace identifier.

Problem	Possible cause	Solution
Access to identifier faulty	System configuration is incorrect.	Check system configuration.
	Programming station is not or is incorrectly connected to the PC.	Connect programming station to the PC with a USB cable.
	Programming station is defective.	Replace programming station.
Programming station is not recognised by eLOCK Center.	eLOCK Center is incorrectly installed.	Re-install eLOCK Center.
	USB connection at PC is defective.	Connect programming station to another USB connection.
	Programming station is defective.	Replace programming station.
Programming station is not recognised by PC.	System configuration is incorrect.	Check system configuration.
	The USB connection does not supply sufficient current.	Use active USB hub.

8 Product Specifications

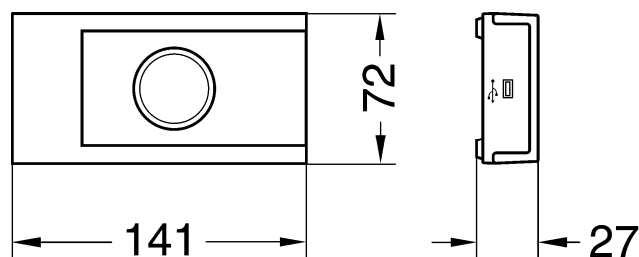
Declaration of conformity

OPERTIS GmbH herewith declares that the Programming Station fulfils the basic standards and other relevant specifications of the 1999/5/EG and 2011/65/EU directives and that they are CE compliant.

A copy of the statement of conformity can be ordered from the OPERTIS Support.

Dimensions

All dimensions are given in mm.



Technical data

Housing

Colour	black
Material	ABS plastic

Specific data

Power supply	5V DC / 100 mA via USB connection (does not require its own power supply)
Connection	USB cable type Mini-B 5-pole OPERTIS Art. No.: ES0792
Operating temperature	0 °C to +55 °C
Storage temperature	-40 °C to +70 °C
Air humidity for operation and storage	max. 95 % non-condensing
Degree of protection according to EN 60529	IP41
Class of protection according to DIN EN 61140	III (safety extra-low voltage)

9 Disposal

Product



Disposal in accordance with WEEE Directive 2012/19/EU:

- Do not dispose of product by throwing it in the local household waste.
- Return product to OPERTIS or dispose of at a municipal collection point for hazardous electrical wastes.

Product packaging

Dispose of the product packaging in the local household and paper waste disposal system.



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